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TCS-80485/65

April 1965

PHOTOGRAPHIC INTERPRETATION REPORT

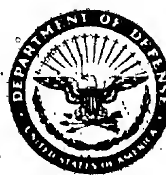
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OAK - PART II  
MISSION 1018-1  
26-29 MARCH 1965

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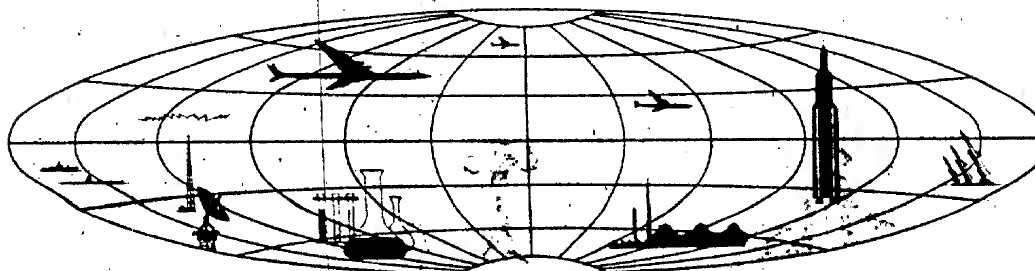
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# TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MAR 65

TCS-80485/65

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## OAK - PART II

### MISSION 1018-1

#### PREFACE

THIS IS THE SECOND OF SEVERAL OAK REPORTS ON MISSION 1018-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI-DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR QUALITY)

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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## Highlights

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### HIGHLIGHTS

1. SLEDYUKI MRBM LAUNCH SITE [REDACTED] 25X1A

ALL STRUCTURES WITHIN LAUNCH SITE HAVE BEEN REMOVED. THE LAUNCH SITE IS CONSIDERED ABANDONED AND IS THEREFORE DROPPED FROM THE NPIC LISTING OF ACTIVE MRBM TARGETS.

2. KY/VLAD MTC PROBABLE 300 NM IMPACT AREA (MISSILE BONUS)

IMPACT AREA IS CENTERED ON APPROXIMATELY 48-09N 053-32E, 11 NM NNW OF MAKAT FIELD LAUNCH POINT AND APPROXIMATELY 300 NM EAST OF THE KY/VLAD MTC.

3. NEUGLOBSOW NUCLEAR POWERPLANT RHEINSBERG (NUCLEAR BONUS)

THIS SECURED, ROAD-AND RAIL-SERVED INSTALLATION SITUATED ON A NECK OF LAND BETWEEN 2 LAKES, NEMITZ SEE AND GROSS STECHLIN SEE, IS IDENTIFIED FOR THE FIRST TIME ON KEYHOLE PHOTOGRAPHY.

4. ZHUKOVKA SENSITIVE OPS CMLX OPS AREA [REDACTED] 25X1A

BUNKER 3 IS NOW EARTH COVERED, BUNKER 4 APPEARS TO BE NEARLY COMPLETE BUT NOT YET EARTH COVERED, AND AN EXCAVATION FOR A PROBABLE SIXTH BUNKER IS NEAR THE NW CORNER OF THE OPERATIONS AREA.

5. UST-ILIMSKAYA HYDRO POWERPLANT (OTHER ACTIVITY BONUS)

CONSTRUCTION SITE FOR NEW LARGE-CAPACITY HPP IS NEWLY IDENTIFIED ON ANGARA RIVER 19 NM DOWNSTREAM FROM CONFLUENCE WITH ILIM RIVER.

6. AIRCRAFT ACTIVITY

TWENTY-ONE COMOR TARGET AIR FACILITIES (15 LONG RANGE, 5 NAVAL, AND THE AKHTUBINSK FTC) ARE OBSERVED. PHOTOGRAPHY REVEALED A TOTAL COUNT OF 714 BOMBER AIRCRAFT INCLUDING 580 BADGER (FIRM, PROBABLE, AND POSSIBLE). THE MOST SIGNIFICANT OBSERVATION IS SEVEROMORSK AIRFIELD ON THE KOLA PENINSULA, WHERE 79 PROBABLE BADGER WERE SEEN.

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### 7. SUBMARINE ACTIVITY

A TOTAL OF 24 NAVAL COMOR TARGETS ARE OBSERVED. FROM THESE TARGETS A TOTAL OF 83 SUBMARINES WERE OBSERVED, ALL BUT 4 OF WHICH WERE CLASSIFIED AS UNIDENTIFIED.

### STATUS OF COMOR TARGET READOUT

FIFTY-ONE COMOR TARGETS WERE OBSERVED IN THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

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## Missiles



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## MISSILES

25X1A

### TYUMEN ICBM COMPLEX

UR 5652N 06551E

THE RAIL-TO-ROAD TRANSFER POINT AND AN UNIDENTIFIED AREA NORTH OF THE COMPLEX SUPPORT FACILITY -- CLOUD COVERED.

THE COMPLEX SUPPORT FACILITY, LAUNCH AREAS A (SITE 3) AND C (SITE 2) -- IDENTIFICATION ONLY.

NO ABM ACTIVITY NOTED IN CLOUD-FREE AREAS WITHIN 50 NM. WESTERN HALF OF ABM SEARCH AREA NOT COVERED ON PHOTOGRAPHY.

25X1D

### SLEDYUKI MRBM LAUNCH SITE

UR 5341N 03020E

25X1D

ALL STRUCTURES WITHIN LAUNCH SITE HAVE BEEN REMOVED SINCE [REDACTED], HOWEVER, POOR IMAGE QUALITY OF INTERVENING MISSIONS PRECLUDES DETERMINATION OF DATE AND SEQUENCE OF REMOVAL.

THE LAUNCH SITE IS CONSIDERED ABANDONED AND IS THEREFORE DROPPED FROM THE NPIC LISTING OF ACTIVE MRBM TARGETS.

(SEE ATTACHMENT)

25X1D

### SOVETSKAYA GAVAN MRBM LAUNCH FACILITY

UR 4904N 14007E

IDENTIFICATION ONLY.

25X1D

### MAKAT FIELD LAUNCH POINT (MRBM)

UR 4758N 05342E

25X1D

NO APPARENT CHANGE IN SUPPORT AREA AND AIRFIELD SINCE [REDACTED] VEHICLES ARE DISCERNIBLE IN THE SUPPORT AREA AND NEARBY ELECTRONICS FACILITIES. NO AIRCRAFT OBSERVED ON AIRFIELD. FOUR VEHICLES/PIECES OF EQUIPMENT OBSERVED AT THE FIELD LAUNCH POINT AND SEVERAL VEHICLES ARE IN THE VICINITY.

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A PROBABLE MISSILE CHECKOUT AND STORAGE AREA, FORMERLY IDENTIFIED AS A PROBABLE GUIDANCE FACILITY, IS LOCATED 1.1 NM WEST OF LAUNCH POINT. IT CONTAINS A PROBABLE READY TENT, 2 PROBABLE MISSILE TRANSPORTERS AND AT LEAST 4 POSSIBLE VEHICLES. VEHICLES OR EQUIPMENT ARE OBSERVED AT THE POSSIBLE INSTRUMENTATION SITE (FORMERLY AN UNIDENTIFIED AREA) 1.3 NM ESE OF LAUNCH POINT, AT THE PROBABLE INSTRUMENTATION SITE SITUATED 1.3 NM NORTH OF THE LAUNCH POINT AND ALSO IN THE UNIDENTIFIED AREA LOCATED .6 NM NORTH OF THE LAUNCH POINT. AN INTERFEROMETER IS LOCATED IMMEDIATELY SW OF SUPPORT AREA. AN HF COMMUNICATIONS HORIZONTAL DIPOLE ANTENNA IS IN THE SUPPORT AREA. TWO HF COMMUNICATIONS HORIZONTAL DIPOLE ANTENNAS ARE 1 NM SW OF THE SUPPORT AREA. A SMALL RADAR TRACKING FACILITY CONSISTING OF 2 RADAR MOUNDS (1 OCCUPIED) AND SEVERAL VEHICLES/VANS IS JUST WEST OF SUPPORT AREA.

PHOTO REFERENCES FOR SIGNIFICANT ITEMS FOLLOW --

25X1D SUPPORT AREA  
25X1D LAUNCH POINT  
25X1D AIRFIELD --  
25X1D INTERFEROMETER

25X1A

PEIPING RKT ENG TEST FAC CHANG-HSIN-TIEN CH 3950N 11608E

25X1D NO APPARENT CHANGE SINCE [REDACTED] AT THE  
ROCKET ENGINE TEST FACILITY. APPROXIMATELY 75 PERCENT  
OF THE 50-NM-RADIUS SEARCH AREA IS COVERED BY  
25X1D CLOUD-FREE PHOTOGRAPHY. NO ADDITIONAL SAM FACILITIES  
OBSERVED.

KUZNETSK SUSPECT SSM AREA

UR 5307N 04636E

AREA CANNOT BE NEGATED.

EASTERN 70 PERCENT OF 50-NM-SEARCH AREA COVERED BY  
CLOUD-FREE, SNOW-COVERED, POOR-QUALITY PHOTOGRAPHY.

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25X1D

SUKREML SUSPECT MISSILE AREA

UR 5349N 03426E

SUBJECT RAIL SPUR AND ASSOCIATED ACTIVITY IS NOT  
MISSILE ASSOCIATED.

NO SIMILAR OR UNIDENTIFIED INSTALLATIONS WITHIN A 25-NM  
RADIUS.

25X1D

COVERAGE IS CLEAR WITH SNOW COVER.

SEVEROMORSK SUSPECT NAVAL MSL STORAGE

UR 6906N 03328E

NO NEW CONSTRUCTION OBSERVED ON CLEAR, SNOW-COVERED  
PHOTOGRAPHY.

25X1D

VESSELS -- -- NONE OBSERVED AT PIERS.

25X1D

-- IDENTIFICATION ONLY.

25X1D

KOMSOMOLSK SHIPYARD AMUR 199

UR 5033N 13702E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

VESSELS -- 1 UNIDENTIFIED SURFACE COMBATANT, ESTIMATED  
450 FT LOA, UNDER CONSTRUCTION IN WET BASIN, 1 POSSIBLE  
FLOATING DRYDOCK AND 1 SMALL UNIDENTIFIED SURFACE  
VESSEL.

AMUR RIVER FROZEN.

25X1D

GUBA OLENYA SUBMARINE BASE

UR 6913N 03323E

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

25X1D

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25X1D

MISSION 1018-1, 26-29 MAR 65

25X1D VESSELS -- [REDACTED] -- 7 POSSIBLE SS. LOW LIGHT LEVEL  
IN MOORING AREA PRECLUDES FURTHER IDENTIFICATION.

25X1D

25X1D VESSELS -- [REDACTED] -- HAZE AND POOR VESSEL/WATER  
CONTRAST PRECLUDE VESSEL IDENTIFICATION. NO CAMOUFLAGE  
OR CONCEALMENT DETECTED.

25X1D

25X1A

POLYARNYY NAVAL BASE

25X1D

UR 6912N 03328E

NO APPARENT CHANGE SINCE [REDACTED] AT  
SUBMARINE BASE FACILITIES ON YEKATERINSKAYA GAVAN.

25X1D

NO APPARENT CHANGE SINCE [REDACTED] AT GUBA  
KISLAYA NAVAL MISSILE SUPPORT FACILITY.

25X1D

25X1D VESSELS -- [REDACTED] -- 4 POSSIBLE SS. LOW LIGHT LEVEL  
IN MOORING AREA PRECLUDES FURTHER IDENTIFICATION.

25X1D

GUBA LITSA SUBMARINE BASE

25X1D

UR 6926N 03224E

NO NEW CONSTRUCTION NOTED SINCE [REDACTED]

25X1D

25X1D VESSELS -- [REDACTED] -- AT LEAST 9 LARGE UNIDENTIFIED  
SUBMARINES, 3 POSSIBLE APL, 1 POSSIBLE TENDER, AND 1  
POSSIBLE DD.

25X1D

CLEAR, SNOW-COVERED, LOW-LIGHT-LEVEL PHOTOGRAPHY.

[REDACTED] -- IDENTIFICATION ONLY.

25X1D

25X1D

GUBA LITSA NAVAL MISSILE STORAGE

UR 6925N 03226E

25X1D

NO NEW CONSTRUCTION OBSERVED SINCE [REDACTED]  
[REDACTED], ON CLEAR, SNOW-COVERED PHOTOGRAPHY.

INSTALLATION IDENTIFICATION ONLY ON [REDACTED]

25X1D

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25X1D

VLADIMIR SUBMARINE BASE

25X1D

UR 4355N 13528E

NO APPARENT CHANGE SINCE

VESSELS -- 2 UNIDENTIFIED VESSELS AT BASE AND 1  
UNIDENTIFIED SURFACE VESSEL ANCHORED IN BAY.

25X1D

ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT

UR 6902N 03304E

25X1D

NO APPARENT CHANGE SINCE

NO VISIBLE EVIDENCE OF CONVERSION OF SUBMARINES OR  
SURFACE VESSELS TO GM CONFIGURATION.

25X1D

VESSELS -- 3 POSSIBLE SS, 7 POSSIBLE DD,  
AND 2 POSSIBLE CL.

25X1D

-- IDENTIFICATION ONLY.

25X1D

KALININGRAD SUSP NAVAL MISSILE STORAGE

UR 5450N 02028E

NO NEW CONSTRUCTION OBSERVED.

BALTIYSK NAVAL BASE NOT COVERED.

TARGET COVERED BY CLEAR, GOOD-QUALITY PHOTOGRAPHY.

25X1D

GUBA URA NAVAL BASE

UR 6920N 03249E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

VESSELS -- 8 POSSIBLE SS, AND 1 POSSIBLE  
AUXILIARY. LOW LIGHT LEVEL PRECLUDES FURTHER  
IDENTIFICATION.

25X1D

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25X1D

[REDACTED]

25X1A

DOLGAYA NAVAL BASE

UR 6915N 03350E

25X1D

NO NEW CONSTRUCTION OR MISSILE FACILITIES OBSERVED.

VESSELS -- [REDACTED] -- 2 SMALL SURFACE COMBATANTS.

CLEAR, GOOD QUALITY PHOTOGRAPHY OF FACILITIES. LOW  
LIGHT LEVEL IN MOORING AREAS PRECLUDES FURTHER  
IDENTIFICATION OF VESSELS.

25X1D

[REDACTED] -- IDENTIFICATION ONLY.

25X1D

[REDACTED]

GUBA PALA NAVAL BASE AND SHIP REPAIR YARD UR 6912N 03326E

25X1D

CONSTRUCTION CONTINUES ON BUILDING REPORTED ON MISSION

VESSELS -- HAZE AND POOR VESSEL/WATER CONTRAST PRECLUDE  
DETECTION OF VESSELS PRESENT.

25X1D

[REDACTED]

PETROVKA SHIPYARD

25X1D

UR 4307N 13220E

NO APPARENT CHANGE SINCE [REDACTED] ON CLEAR,  
OBLIQUE PHOTOGRAPHY.

VESSELS -- 3 UNIDENTIFIED SS (LOA EXCEEDS 360 FT), 1  
LARGE UNIDENTIFIED SS (THE MEASURED LENGTHS OF THESE SS  
ARE COMPATIBLE WITH E-CLASS SSGN PREVIOUSLY SEEN IN  
SAME AREA), 2 POSSIBLE W-CLASS SS, 1 DD, 4 SHIP  
TRANSPORTERS (1 OCCUPIED), AT LEAST 3 OTHER VESSELS AND  
1 POSSIBLE COMBATANT ON SHIPWAY.

25X1D

[REDACTED]

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25X1A

STRELOK STRAIT SUB BASE PAVLOVSKOGO

UR 4252N 13232E

25X1D

NO APPARENT CHANGE AT BASE OR MISSILE STORAGE AREAS  
SINCE [REDACTED]

VESSELS -- 1 POSSIBLE H-CLASS SSBN, 2 UNIDENTIFIED  
MEDIUM SS, 1 POSSIBLE L-III OSS, 1 POSSIBLE ASL AND 1  
POSSIBLE AO.

25X1D

ZALIV VOSTOK NAVAL BASE LIVADIYA

UR 4252N 13241E

25X1D

NO APPARENT CHANGE SINCE [REDACTED]

NO IDENTIFIABLE VESSELS OBSERVED. SEVERAL POSSIBLE  
SMALL CRAFT (1 UNDER WAY) IN AREA.

25X1D

BUKHTA ABREK NAVAL MISSILE SUPPORT FAC

UR 4255N 13225E

25X1D

NO APPARENT CHANGE SINCE [REDACTED]

NO NEW CONSTRUCTION OBSERVED IN AREA.

VESSELS -- 4 POSSIBLE DLG, 2 PROBABLE CL, AND 4  
POSSIBLE DE.

25X1D

DUNAY PROBABLE NAVAL MISSILE STORAGE

UR 4256N 13220E

CONSTRUCTION CONTINUES IN [REDACTED]  
STORAGE. NO CHANGES OBSERVED IN OTHER AREAS.

VESSELS -- 2 UNIDENTIFIED AUXILIARIES, 1 UNIDENTIFIED  
OBJECT AT NORTH SIDE OF PIER, 3 UNIDENTIFIED SURFACE  
VESSELS IN BAY AND 1 UNOCCUPIED FLOATING DOCK.

25X1D

25X9

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25X1A.

SOVETSKAYA GAVAN SUBMARINE BASE

UR 4902N 14016E

25X1D

IDENTIFICATION ONLY.

SOVETSKAYA GAVAN NVL BASE & SHIPYARD 263

UR 4858N 14017E

25X1D

IDENTIFICATION ONLY.

MOSCOW SUSPECT ABM AREA

UR 5545N 03737E

25X9

APPROXIMATELY 40 PERCENT OF THE 75-NM-RADIUS SEARCH AREA IS COVERED BY CLOUD-FREE PHOTOGRAPHY. NO NEW SARY-SHAGAN OR LENINGRAD-TYPE INSTALLATIONS, ELECTRONIC FACILITIES, WHICH MIGHT BE RELATED TO ABM DEPLOYMENT OBSERVED.

25X1D

25X1D

AT SA-1 SAM SITE E24-1 THE CIRCULAR CONCAVE CAP THAT WAS OBSERVED ON THE GROUND ON MISSION HAS BEEN PLACED ON TOP OF THE CYLINDRICAL STRUCTURE ON THE ROOF OF THE WESTERN SMALL TRIAD BUILDING. THE CIRCULAR SECTION OBSERVED ON THE GROUND AT THE OTHER SMALL TRIAD BUILDING HAS BEEN PLACED ON THE RING ON TOP OF THE ROOF SINCE

25X1D

25X1D

25X1D

AT SA-1 SAM SITE E33-1 CONSTRUCTION CONTINUES ON THE SECOND TRIAD FACILITY. AT THE ORIGINAL FACILITY THE WESTERN SMALL TRIAD BUILDING APPEARS COMPLETE. THE CYLINDRICAL ENVIRONMENTAL STRUCTURE HAS BEEN COVERED BY A CIRCULAR CONCAVE CAP. THIS CAP WAS PROBABLY IN POSITION ON BUT WAS NOT IDENTIFIED ON NON-STEREO COVERAGE.

25X1D

AT SA-1 SAM SITES C24-1, C25-1, C33-1, C35-1, E23-1, E28-1 AND E33-1 THERE IS SOME INDICATION THAT SNOW HAS BEEN REMOVED FROM THE LARGE REVETMENTS LOCATED IN THE LAUNCH AREAS.



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25X1A

CHOKURDAKH SUSPECT ABM AREA

UR 7037N 14753E

ENTIRE SEARCH AREA IS COVERED BY CLEAR PHOTOGRAPHY. NO HEN HOUSE, HEN EGG OR RELATED ANTENNAS OR EQUIPMENT OBSERVED WITHIN 25-NM-RADIUS SEARCH AREA ON CLEAR PHOTOGRAPHY.

25X1D

CHEREPOVETS PROB AMM/SAM LAUNCH COMPLEX

UR 5906N 03810E

THE CHEREPOVETS AREA IS OBSERVED ON CLEAR, FAIR-QUALITY, STEREO PHOTOGRAPHY WITH GROUND SNOW COVER. THE COMPLEX REMAINS IN AN EARLY STAGE OF CONSTRUCTION. NEW CONSTRUCTION ACTIVITY HAS OCCURRED WITHIN THE PROBABLE LAUNCH AREA AND THE PROBABLE ELECTRONIC SITE SINCE

25X1D

EXTENSIVE GROUND SCARRING IS OBSERVED AT THE CENTERS OF PROBABLE LAUNCH SITES C AND E. THERE IS NO CONSTRUCTION PROGRESS ON INDIVIDUAL LAUNCH POSITIONS APPARENT. SNOW HAS FALLEN SINCE ONE OF THE PROBABLE HARDSTAND POSITIONS AT THE PROBABLE ELECTRONIC SITE HAS BEEN EXPANDED SINCE AND NEW AREAS OF GROUND SCARRING ARE OBSERVED IMMEDIATELY EAST OF THIS SITE. STATUS OR NATURE OF CONSTRUCTION ACTIVITY AT THE NORTHERN END OF THE SECURED COMPLEX CANNOT BE DETERMINED ON CURRENT PHOTOGRAPHY.

25X1D

25X1D

A NEW DITCH IS OBSERVED IMMEDIATELY NORTH OF PROBABLE LAUNCH SITE D. NO CHANGE IS DISCERNIBLE IN THE SUPPORT AREA NW OF THE SECURED COMPLEX PROPER. AN EXPANDED AREA OF GROUND SCARRING IS LOCATED ON THE NORTHERN SIDE OF THE ROAD LEADING FROM THE SUPPORT AREA TO THE PROBABLE LAUNCH AREA. A BUILDING CONSTRUCTED SINCE IS LOCATED APPROXIMATELY 1,000 FEET WEST OF THE SUPPORT AREA.

25X1D

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED, AND NO ELECTRONIC OR COMMUNICATIONS FACILITIES NEWLY IDENTIFIED ON THE CURRENT PHOTOGRAPHY.

(SEE ATTACHMENT)

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KY/VLAD MTC PROBABLE 300 NM IMPACT AREA UR 4809N 05332E BONUS 1

IMPACT AREA IS CENTERED ON APPROXIMATELY 48-09N  
053-32E, 11 NM NNW OF MAKAT FIELD LAUNCH POINT AND  
APPROXIMATELY 300 NM EAST OF THE KY/VLAD MTC. IT  
CONSISTS OF AT LEAST 20 PROBABLE IMPACT CRATERS WITHIN  
A 5-NM AREA. THROW-OUT FROM MANY OF THE CRATERS  
INDICATES THAT THE IMPACTING OBJECTS WERE TRAVELING IN  
A GENERALLY WEST TO EAST DIRECTION.

25X1D

## **Air Facilities**

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AIR FACILITIES

25X1A

CHEPELEVKA AIRFIELD

UR 4947N 03026E

AIRCRAFT -- 40 BISON/BEAR (1 IN LOADING AREA, 9 ON SSW PARKING APRON, 23 ON CENTRAL PARKING APRONS AND HARDSTANDS, 7 ON NNE PARKING APRONS), 4 MEDIUM STRAIGHT-WING ALONG NORTH LINK TAXIWAY, AND AT LEAST 17 SMALL SWEPT-WING AT SOUTH END OF LOADING AREA.

NO NEW FACILITIES OBSERVED.

25X1D

ENGELS AIRFIELD

25X1D

UR 5129N 04611E

NO APPARENT CHANGE SINCE

AIRCRAFT -- 33 PROBABLE BISON ON PARKING APRON, 1 PROBABLE BISON NEAR HANGAR AT NE END OF FIELD, 2 PROBABLE BADGER AND 1 MEDIUM STRAIGHT-WING ON SW PARKING APRON, AND 2 LIGHT STRAIGHT-WING AND 2 SMALL STRAIGHT-WING ON WEST PARKING APRON.

25X1D

BORZYA AIRFIELD NORTHWEST

25X1D

UR 5024N 11623E

NO APPARENT CHANGE SINCE

AIRCRAFT -- 9 BADGER.

25X1D

BARANOVICHI AIRFIELD

UR 5306N 02603E

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 12 BLINDER, 21 BADGER, 9 SMALL SWEPT-WING FIGHTERS, AND 22 LARGE SWEPT-WING FIGHTERS.

25X1D

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# TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MAR 65

TCS-80485/65

25X1A

OLENEGORSK AIRFIELD

25X1D

UR 6809N 03327E

NO APPARENT CHANGE SINCE [REDACTED]

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 10 POSSIBLE BADGER AND 1 LIGHT  
STRAIGHT-WING.

25X1D

BELAYA TSEKOV AIRFIELD

25X1D

UR 4947N 03001E

NO APPARENT CHANGE SINCE [REDACTED]

AIRCRAFT -- 6 BEAR/BISON AND 33 BADGER ON HARDSTANDS  
ALONG LOOP TAXIWAY, 2 BADGER ON LINK TAXIWAY, 1  
PROBABLE BADGER ON OLD RUNWAY, 2 BADGER ON TAXIWAY TO  
MAINTENANCE AREA, AND 6 BADGER IN MAINTENANCE AREA.

25X1D

ZHITOMIR/SKOMOROKHI AIRFIELD

25X1D

UR 5010N 02844E

TAXIWAY REPORTED UNDER CONSTRUCTION ON [REDACTED]  
APPEARS COMPLETE. NO OTHER CHANGE SINCE [REDACTED]

25X1D

25X1D

AIRCRAFT -- 3 BADGER IN MAINTENANCE AREA, 26 BADGER ON  
HARDSTANDS ALONG LOOP TAXIWAY, 2 MEDIUM STRAIGHT-WING  
AND 3 LIGHT STRAIGHT-WING ON OLD RUNWAY, 10 LARGE  
SWEEP-WING FIGHTERS, AND AT LEAST 10 SMALL SWEEP-WING  
ON PARKING APRONS AT SE END OF RUNWAY.

25X1D

SOLTSY AIRFIELD

25X1D

UR 5808N 03020E

NO APPARENT CHANGE SINCE [REDACTED]

RUNWAY AND TAXIWAY CLEARED OF SNOW.

AIRCRAFT -- 30 PROBABLE BADGER.

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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25X1A

TARTU AIRFIELD

25X1D

UR 5824N 02646E

NO APPARENT CHANGE SINCE [REDACTED]

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 29 BADGER, 2 PROBABLE BADGER, AND 32 MEDIUM  
STRAIGHT-WING.

25X1D

MAL-YAVR AIRFIELD

25X1D

UR 6852N 03343E

NO APPARENT CHANGE SINCE [REDACTED]

RUNWAY CLEARED OF SNOW, TAXIWAYS ARE SNOW COVERED,  
STATUS OF CONSTRUCTION AT SSW END OF RUNWAY IS  
UNDETERMINED.

NO NUCLEAR FACILITIES OBSERVED ON CLEAR SNOW-COVERED  
PHOTOGRAPHY.

25X1D

25X1D

AIRCRAFT -- [REDACTED] -- 22 PROBABLE BADGER ON  
HARDSTANDS ALONG TAXIWAY. [REDACTED] -- 23 PROBABLE  
MEDIUM SWEPT-WING ON HARDSTANDS ALONG TAXIWAY.

25X1D

SEVEROMORSK AIRFIELD

25X1D

UR 6901N 03325E

NO APPARENT CHANGE SINCE [REDACTED] ON  
GOOD-QUALITY PHOTOGRAPHY.

RUNWAY AND CROSSOVER LINKS CLEARED OF SNOW. MAIN  
TAXIWAY IS SNOW COVERED.

25X1D

25X1D

AIRCRAFT -- [REDACTED] -- 5 HEAVY SWEPT-WING, 79 PROBABLE  
BADGER, AND 1 LIGHT STRAIGHT-WING.

[REDACTED] -- IDENTIFICATION ONLY.

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

# TOP SECRET CHESS RUFF

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25X1A

OSTROV/GOROKHOVKA AIRFIELD

25X1D

UR 5718N 02826E

NO APPARENT CHANGE SINCE [REDACTED]

25X9

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 29 PROBABLE BADGER ON HARDSTANDS ALONG TAXIWAY.

25X1D

AKHTUBINSK FLIGHT TEST CENTER

UR 4818N 04611E

AIRCRAFT -- 16 PROBABLE BADGER ON CENTRAL PARKING APRON, 5 PROBABLE BADGER ON GRASS AT NW END OF TAXIWAY, 1 PROBABLE BADGER ON GRASS AT NORTH END OF FIELD BETWEEN RUNWAY AND TAXIWAY, 3 BLINDER ON CENTRAL PARKING APRON, 1 PROBABLE COCKPOT ON CENTRAL PARKING APRON, 8 PROBABLE BEAGLE ON NW PARKING APRON, 7 POSSIBLE BEAGLE ON NW LINK TAXIWAY, 8 LIGHT STRAIGHT-WING ON SE PARKING APRON, 21 SMALL STRAIGHT-WING ON GRASS AT NORTH END OF FIELD BETWEEN RUNWAY AND TAXIWAY, 8 MEDIUM STRAIGHT-WING ON GRASS AT NW END OF TAXIWAY, 31 PROBABLE SMALL SWEEP-WING FIGHTERS ON GRASS AT NORTH END OF FIELD BETWEEN RUNWAY AND TAXIWAY, 12 UNIDENTIFIED ON NW LINK TAXIWAY, 20 UNIDENTIFIED ON APRONS AT NW END OF FIELD, 7 UNIDENTIFIED STRAIGHT-WING ALONG TAXIWAY AT SE END OF FIELD, 1 MEDIUM STRAIGHT-WING ON SE LINK TAXIWAY, 1 LIGHT STRAIGHT-WING ON SE ALERT APRON, AND 7 POSSIBLE UNIDENTIFIED OFF SE END OF TAXIWAY.

NO CONSTRUCTION, COMPONENT OR PARTIALLY ASSEMBLED MISSILES OR AIRCRAFT OBSERVED.

25X1D

TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
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## **Nuclear Energy**



25X2

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**Naval  
Activity/  
Ports**

Handle Via  
TALENT-KEYHOLE  
Control System Only

# TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MAR 65

TCS-80485/65

## NAVAL ACTIVITY/PORTS

25X1A

### TA-KU NAVAL FACILITY

CH 3900N 11740E

PORT FACILITIES CONSIST OF A FORMER MOLE, NOW A LARGE RAIL-SERVED PIER, A LARGE RAIL-SERVED WHARF WITH 4 LARGE WAREHOUSES AND 3 LARGE TRANSFER SHEDS, A REPAIR YARD CONTAINING 2 SMALL GRAVING DOCKS, A BOATYARD CONTAINING 4 BUILDING WAYS AND A FITTING-OUT PIER, AND MINOR LANDINGS. NORTH SIDE OF FORMER MOLE IS FILLED FOR LAND RECLAMATION. LOCK AT MOUTH OF RIVER PREVENTS OCEAN-GOING VESSELS FROM PROCEEDING UPSTREAM.

VESSELS -- 2 MEDIUM AND 4 SMALL CARGO VESSELS AT COMMERCIAL WHARF AREA, 2 SMALL VESSELS AT FITTING-OUT PIER AND 1 SMALL VESSEL ON BOATYARD BUILDING/REPAIR WAY.

ENTIRE COMPLEX COVERED BY OBLIQUE CLOUD-FREE PHOTOGRAPHY.

25X1D

### LIEPAJA NAVAL BASE AND SHIPYARD

UR 5633N 02102E

NO SUBMARINE PENS, SHIP CONSTRUCTION, OR CONVERSION NOTED.

VESSELS -- 10 PROBABLE SS, 1 PROBABLE CL, 1 POSSIBLE VESSEL IN GRAVING DOCK, AND NUMEROUS SMALL UNIDENTIFIED SURFACE VESSELS.

25X1D

### LENINGRAD SHIPYARD SUDOMEKH 196

UR 5956N 03017E

25X1D

NO APPARENT CHANGE SINCE

NO VESSELS OBSERVED DUE TO POOR IMAGE QUALITY AND POOR VESSEL/WATER CONTRAST.

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MAR 65

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25X1A

LENINGRAD SHIPYARD BALTIYSK ORDZH 189

UR 5955N 03016E

25X1D

NO APPARENT CHANGE SINCE [REDACTED]

VESSELS -- 1 TANKER AND 1 OTHER UNIDENTIFIED VESSEL AT QUAY, 1 FLOATING CRANE IN FRONT OF BUILDING WAYS, 2 UNIDENTIFIED SURFACE VESSELS ON BUILDING WAYS, AND 1 UNIDENTIFIED VESSEL ON TRANSVERSE. POOR WATER/VESSEL CONTRAST PRECLUDES MORE DETAILED INTERPRETATION OF VESSELS.

25X1D

LENINGRAD SHIPYARD ZHDANOV 190

UR 5952N 03014E

25X1D

NO APPARENT CHANGE SINCE [REDACTED]

25X1D

VESSELS -- [REDACTED] -- 2DD, 1 POSSIBLE DD, 2 OTHER UNIDENTIFIED VESSELS IN BASIN AND 1 UNIDENTIFIED SURFACE VESSEL HULL ON BUILDING WAYS. BASIN FREE OF ICE. SMALL AMOUNT OF ICE IN VICINITY OF LAUNCHING WAYS. POOR CONTRAST PRECLUDES MORE DETAILED

25X1D

INTERPRETATION OF VESSELS. [REDACTED] -- 2 POSSIBLE DD, 2 OTHER UNIDENTIFIED SURFACE VESSELS IN BASIN, 1 UNIDENTIFIED SURFACE VESSEL HULL ON BUILDING WAY, AND 1 POSSIBLE SMALL UNIDENTIFIED VESSEL ON THE LAUNCHING CRADLE. SMOKE FROM READY STEAMPLANT PARTIALLY OBSCURES SE SECTOR OF BASIN.

25X1D

LENINGRAD SHIPYARD ADMIRALTY 194

UR 5955N 03016E

25X1D

NO APPARENT CHANGE SINCE [REDACTED]

25X1D

VESSELS -- [REDACTED] -- 1 SURFACE VESSEL IN BASIN AND 1 SURFACE VESSEL AT QUAY. MORE DETAILED INTERPRETATION OF VESSELS. [REDACTED] -- 1 SURFACE VESSEL ON BUILDING

25X1D

WAYS, 1 SURFACE VESSEL IN BASIN, AND 1 SURFACE VESSEL AT QUAY. LACK OF CONTRAST PRECLUDES MORE DETAILED INTERPRETATION OF VESSELS.

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

# TOP SECRET CHESS RUFF

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25X1A

NAKHODKA NAVAL BASE AND PORT 25X1D UR 4248N 13254E

NO APPARENT CHANGE SINCE [REDACTED]

25X1D  
VESSELS -- 23 MERCHANT VESSELS (2 IN FLOATING DOCKS), 6 UNIDENTIFIED VESSELS ON WAYS AT SHIPYARD, AND NUMEROUS SMALL CRAFT OBSERVED ON CLEAR PHOTOGRAPHY.

CHEREPOVETS RESERVOIR LOCK 25X1D UR 5913N 03829E

NO APPARENT CHANGE SINCE [REDACTED] (SEE NPIC/R5057/64).

NO VESSELS OR TRANSPORTERS OBSERVED IN VICINITY OF LOCK.

25X1D  
RESERVOIR COMPLETELY ICE COVERED.

BELOZERSK LOCKS 25X1D UR 6010N 03713E

NO APPARENT CHANGE SINCE [REDACTED] (SEE NPIC/R-5057/64).

CANAL AND LOCKS COMPLETELY SNOW/ICE COVERED.

25X1D  
NO VESSELS OR TRANSPORTERS OBSERVED.

**Electronics/  
Communications**

Handle Via  
TALENT-KEYHOLE  
Control System Only

# TOP SECRET CHESS RUFF

TCS-80485/65

MISSION 1018-1, 26-29 MAR 65

## ELECTRONICS/COMMUNICATIONS

KIYA POSSIBLE TALL KING FACILITY

UR 6751N 04409E BONUS 1

2.0 NM NW OF KIYA AIRFIELD.  
SIGNATURE IDENTIFICATION ONLY.

SITE, PREVIOUSLY REPORTED AS SHOYNA AREA PROBABLE  
COMMUNICATIONS SITE, CONSISTS OF 2 BUILDINGS OF THE  
TYPE NORMALLY IDENTIFIED WITH TALL KING AND A PROBABLE  
GENERATOR. THE ANTENNA PROPER IS NOT IDENTIFIABLE.

25X1D



## Complexes



Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MAR 65

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COMPLEXES

25X1A

OKHA COMPLEX

UR 5335N 14256E

COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, IS THE TERMINAL  
POINT FOR PIPELINE AND CONTAINS 2 LARGE TANK FARMS.  
ONE 4 NM EAST CONTAINS 12 LARGE STORAGE TANKS AND ONE 2  
NM WEST CONTAINS 19 LARGE TANKS.

NO POL REFINERY OR LARGE INDUSTRIAL AREAS OBSERVED ON  
SNOW-COVERED, FAIR-QUALITY PHOTOGRAPHY.

25X1D

TOP SECRET CHESS RUFF

Handle Via  
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**Other  
Activity**

Handle Via  
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# TOP SECRET CHESS RUFF

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## OTHER ACTIVITY

25X1A

ZHUKOVKA SENSITIVE OPS CMLX OPS AREA UR 5333N 03357E

BUNKER 3 IS NOW EARTH COVERED, BUNKER 4 APPEARS TO BE NEARLY COMPLETE BUT NOT YET EARTH COVERED. CONSTRUCTION CONTINUES ON BUNKER 5, AND AN EXCAVATION FOR A PROBABLE SIXTH BUNKER IS NEAR THE NW CORNER OF THE OPERATIONS AREA.

25X1D

NO SSM ACTIVITY OBSERVED WITHIN A 30-NM RADIUS.

ZHUKOVKA SENSITIVE OPS CMLX SUPT AREA UR 5329N 03353E

25X1D

NO APPARENT CHANGES IN PERMANENT FACILITIES SINCE

AN UNDETERMINED NUMBER OF RAIL CARS ARE ON THE SIDINGS OF THE RAIL FACILITY. AREA PREVIOUSLY REPORTED AS NEW CONSTRUCTION IS APPARENTLY A LARGE BORROW PIT. A DRIVER-TRAINING AREA JUST NORTH OF THE SUPPORT AREA AND IMMEDIATELY WEST OF THE BORROW PIT CONTAINS 1 LARGE AND 1 SMALL FIGURE-8 TRACK.

25X1D

NO SSM ACTIVITY OBSERVED WITHIN A 30-NM RADIUS.

CHEBSARA SENSITIVE OPERATIONS COMPLEX

UR 5906N 03837E

25X1D

IDENTIFICATION ONLY.

UST-ILIMSKAYA HYDRO POWERPLANT

UR 5758N 10242E

BONUS 1

1.5 NM SOUTH OF NEVOK (57-59N 102-41E). CONSTRUCTION SITE FOR NEW LARGE-CAPACITY HPP IS NEWLY IDENTIFIED ON ANGARA RIVER 19 NM DOWNSTREAM FROM CONFLUENCE WITH ILIM RIVER.

EXPLORATORY TEST BORINGS ON RIVERBED BEING CONDUCTED ON ICE SURFACE. SIMILAR ACTIVITY IS EVIDENT ON SLOPE OF RIGHT BANK. LEFT BANK AT SITE IS VERTICAL CLIFF. SITE

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TOP SECRET CHESS RUFF

Handle Via  
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IS SERVED BY ROAD FROM BRATSK. CUTTING OF POWERLINE  
TRACE FROM BRATSK HPP IS NEARLY COMPLETE.

25X1D



TOP SECRET CHESS RUFF

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## Attachments

# TOP SECRET CHESS RUFF

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ATTACHMENT 1



MRBM LAUNCH SITE, SLEDYUKI, USSR

NPIC J-9995 (4/65)

TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

Handle Via  
TALENT KEYHOLE  
Control System Only

# TOP SECRET CHESS RUFF

MISSION 1018-1, 26-29 MARCH 1965

TCS-80485/65  
ATTACHMENT 2



PROBABLE AMM/SAM LAUNCH COMPLEX, CHEREPOVETS, USSR

TOP SECRET CHESS RUFF

Handle Via  
TALENT KEYHOLE  
Control System Only

25X6

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TOP SECRET

TOP SECRET